

Appl. No. 10/708,460
Amdt. dated February 21, 2006
Reply to Office action of December 27, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Listing of Claims:

- 1 (currently amended): An identifiable TAB disposed on an inkjet cartridge, comprising:
- 5 a flexible substrate;
- a plurality of conductive traces formed on the flexible substrate; and
- a plurality of contacts formed on the flexible substrate and connected to the
- conductive traces;
- wherein the contacts are arranged into at least one identifiable area for indicating a
- 10 trademark or a brand name.
- 2-3 (cancelled).
- 4 (currently amended): An inkjet print cartridge, comprising:
- 15 a casing having an ink reservoir for containing N types of ink, each type of ink
- having a different color, wherein N is an integer; and
- a TAB assembled to the casing, comprising:
- a flexible substrate;
- a plurality of conductive traces formed on the flexible substrate; and
- 20 a plurality of contacts formed on the flexible substrate and connected to the
- conductive traces, wherein the contacts are arranged into N types of
- identifiable areas, wherein the identifiable areas contain text for indicating
- ~~are associated with~~ the colors of ink in the ink reservoir.
- 25 5 (original): The inkjet print cartridge according to claim 4, wherein N equals 1.
- 6 (original): The inkjet print cartridge according to claim 4, wherein N equals 3.

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7 (cancelled).

8 (currently amended): A method of identifying the colors of ink contained in an inkjet
5 cartridge by an identifiable TAB, comprising the steps of:
providing at least one inkjet cartridge, the inkjet cartridge comprising:
a casing having an ink reservoir for containing N types of ink with different
colors, wherein N is an integer; and
an identifiable TAB disposed to the casing, the TAB comprising:
10 a flexible substrate;
a plurality of conductive traces formed on the flexible substrate; and
a plurality of contacts formed on the flexible substrate and connected to
the conductive traces, wherein the contacts are arranged into N types
of identifiable areas; and
15 identifying at least N types of ink in the ink reservoir, wherein N types of ink have
different colors, and the identifiable areas contain text for indicating are-
~~associated with~~ the colors of ink.

9 (original): The method according to claim 8, wherein N equals 1.

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10 (original): The method according to claim 8, wherein N equals 3.

11 (cancelled).

25 12 (original): The method according to claim 8, wherein the colors of ink are selected
from the group consisting of black, cyan, magenta, yellow, light black, light cyan,
light magenta, light yellow, orange, green, light orange, and light green.

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13 (cancelled).

14 (currently amended): An inkjet apparatus, comprising:

a carriage equipped with a flexible circuit board (FCB);

- 5 a first flexible TAB and a second flexible TAB respectively disposed in a first inkjet cartridge and a second inkjet cartridge electrically coupling to the FCB on the carriage, the first inkjet cartridge and the second inkjet cartridge respectively having a first plurality of contacts and a second plurality of contacts, wherein the first contacts and the second contacts are arranged into a first identifiable area and a second identifiable area, wherein the first identifiable area and the second identifiable area contain text for indicating ~~are associated with~~ the colors of ink stored in the first inkjet cartridge and the second inkjet cartridge;
- 10 a first sensor, disposed in the carriage for detecting the first identifiable area and sending a first signal;
- 15 a second sensor, disposed in the carriage for detecting the second identifiable area and sending a second signal; and
- a control unit for receiving the first signal and the second signal, and determining whether the first inkjet cartridge and the second inkjet cartridge are correctly placed.

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15 (original): The inkjet apparatus according to claim 14, wherein the control unit sends a warning signal to alert a user when the first inkjet cartridge or the second inkjet cartridge is misplaced.

- 25 16 (original): The inkjet apparatus according to claim 14, wherein the carriage is equipped with a first FCB and a second FCB, wherein the first FCB and the second FCB are electrically coupled to the first flexible TAB of the first inkjet cartridge and the second flexible TAB of the second inkjet cartridge, respectively.

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17 (original): The inkjet apparatus according to claim 16, wherein the first sensor and the second sensor are positioned at the first TAB and the second TAB, respectively.

5 18 (original): The inkjet apparatus according to claim 14 further comprising a housing, wherein the first sensor and the second sensor are disposed in an inside wall of the housing.

10 19 (original): The inkjet apparatus according to claim 14, wherein the first identifiable area and the second identifiable area are formed at the first flexible TAB of the first inkjet cartridge and the second flexible TAB of the second inkjet cartridge, respectively.

15 20 (original): The inkjet apparatus according to claim 14, wherein the first inkjet cartridge has a first surface and the second inkjet cartridge has a second surface, and the first identifiable area and the second identifiable area are located at the first surface and the second surface, respectively.

20 21 (original): The inkjet apparatus according to claim 14, wherein the first signal and the second signal are wirelessly transmitted between the control unit, the first sensor and the second sensor.

22-38 (cancelled).

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